

ITILE: Artificial heart valve - comprising polymer esp.
polyurethane or PTFE, coated with carbon or diamond

PATENT-ASSIGNEE: SUMITOMO ELECTRIC IND CO[SUME]

PRIORITY-DATA: 1983JP-0067389 (April 15, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59192366 A	October 31, 1984	N/A	002	N/A
JP 88044378 B	September 5, 1988	N/A	000	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
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INT-CL (IPC): A61F001/22, A61L027/00 , B32B019/04

ABSTRACTED-PUB-NO: JP 59192366A

BASIC-ABSTRACT:

Polymer may also be silicone, polymer. The amorphous C is obtd. by vapourisation method using gaseous hydrocarbon by means of plasma CVD method, ion beam method, etc. The polymer is coated under conventional conditions.

ADVANTAGE - Valve exhibits good antithrombosis property and good durability.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: ARTIFICIAL HEART VALVE COMPRISE POLYMER POLYURETHANE PTFE
COATING
CARBON DIAMOND